

Ismael Ibrahim Arqsosi

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EDUCATION

King Fahd University of Petroleum and Minerals (KFUPM)

Bachelor of Science, Software Engineering

Dhahran, Saudi Arabia

Sep 2021 - May 2026

Awards and Achievements:

GPA: XXX / 4

- Earned the 2nd Honor Award for academic excellence
- Achieved second place at KFUPM Computer Club and Google Developer Student Club Flutter Weekend Hackathon among 7+ teams

EXPERIENCE

Information and Computer Science Department (ICS)

Software Engineering Course Grader (Part-Time)

Dhahran, Saudi Arabia

Sep 2024 – Dec 2024

- Evaluated and graded coursework for 60+ students, ensuring consistency and accuracy in assessing software engineering concepts.

Software Engineering Course Lab Assistant (Part-Time)

Sep 2024 – Dec 2024

- Assisted 20+ students with hands-on programming exercises to enhance their problem-solving skills and technical proficiency

College of Computing and Mathematics Department (MATH)

Prep-Year Math Peer Assistant (Part-Time)

Dhahran, Saudi Arabia

Jan 2025 – Present

- Mentored 30+ students in core mathematical concepts to improve their problem-solving techniques and exam performance

Drahim Company

Trainer

Riyadh, Saudi Arabia

Nov 2024 - Nov 2024

- Worked closely with industry professionals to gain experience in UI/UX design and project management through real-world applications
- Developed an MVP using Figma and conducted a business analysis to align the product with market needs and industry trends

EXTRACURRICULAR EXPERIENCE

Global Student Research Conference (GSR) team

Technical Committee Member

Dhahran, Saudi Arabia

Jun 2024 – Feb 2025

- Designed and structured the official Conference website by implementing UI/UX principles to enhance usability and accessibility experience for 3,000+ visitors
- Applied UI/UX and technical skills to optimize user engagement and functionality — See Website

KFUPM Computer Club

Software Development Committee Member

Dhahran, Saudi Arabia

Sep 2024 – Present

- Assisted and contributed to 5+ software development initiatives to enhance technical skills and promote software innovation

Event Organization Committee Member

- Organized 5+ industry-focused events to enhance student engagement and improve knowledge in software engineering practices

EXTRACURRICULAR PROJECTS

Railway Management System

- Developed a Flutter-based railway system integrated with a MySQL database to manage 30+ simulated train routes across Saudi Arabia, enabling real-time train tracking and automated booking system to improve operational efficiency. See Project

KFUPM Research Center Management System

- Designed and developed a desktop-based research center management system using Java, JavaFX, and Scene Builder to streamline project and machine tracking, supporting an unlimited number of projects while optimizing resource allocation and administrative efficiency. See Project

SKILLS AND LANGUAGES

- **Soft/Social Skills:** Communication, Team Work, Adaptability, Flexibility, Problem-Solving, Fast learner
- **Programming Languages:** Python, Java, Dart, HTML, CSS, JavaScript
- **Software Concepts:** Usability Engineering, Quality Assurance, Project Management, Design Pattern, Testing Engineering, Requirement Engineering, Architecture Design
- **Frameworks:** (Python) Numpy, Pandas, Pytorch, SciKit-Learn, (Dart) Flutter, (Java) JavaFX, (JavaScript) Node, Express, React
- **Technologies** Wordpress, Elementor, Figma, Scene Builder, PowerPoint, Notion
- **Languages:** Arabic (Native) and Fluent in English (TOEFL ITP: 517)